

Manhole Inspection Summary

Manhole # S23KK_021MH

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Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **23KK** Node: **021** Status: **Found**

Insp Date: **9/28/07 12:51 PM**

Incomplete Comments

Crew: **SP, DP**
Inspector: **Pagi, S**
Firm: **PHO**

Location Address: **1515 NORTH AVE**

Cross Street: **WOODBROOK AVE**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Stormwater**

Condition: **Cracked**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Leaks**

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **6** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Bench

☒ Exists Material: **Brick**

☐ Parged

☒ **Debris** (not Condition related)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Concrete**

☐ Parged

☐ Debris (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **5**

Missing: **1**

☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge**

Depth: **1.5** (ft.)

☐ Active Surcharge Present

Location View



Top View



Corroded steps. Evidence of surcharge - Bench debris.

Defect



Frame leaks. Adjustment deterioration and infiltration. Corbel and Barrel infiltration - other side.

Defect



Frame leaks. Adjustment deterioration and infiltration. Corbel and Barrel infiltration.

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8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **9.10** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ **Mud** ☐ Sludge ☐ **Debris** ☐ **Grease**

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

6 in. Circular Gravity Sewer Pipe In @ 5 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **8.70** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ **Mud** ☐ Sludge ☐ **Debris** ☐ **Grease**

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection

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8 in. Circular Gravity Sewer

Pipe In @ 9 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**

☐ Pipe Lined

Invert Depth: **9.08** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☒ **Mud** ☐ Sludge ☒ **Debris** ☒ **Grease**

Silt Depth: **0.5** (in.)

Deposits Extent: **Light**

Infiltration: **None**

Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection